

Amendment to the Claims:

The following listing of claims replaces all previous versions and listings of claims:

1. (Currently amended) A method for providing autonomic identification of an important message addressed to a recipient email subscriber, comprising:

scanning an email message received over a network, said scanning operable for identifying a Uniform Resource Locator contained in said email message; and

if a Uniform Resource Locator is found:

comparing said Uniform Resource Locator with contents of a history file, said history file storing a listing of Uniform Resource Locators previously accessed by said recipient email subscriber;

performing analytics for said Uniform Resource Locator based upon said contents of said history file, said performing analytics resulting in a rating assigned to said Uniform Resource Locator; and

if said rating meets a minimum standard set for qualifying said Uniform Resource Locator as relevant:

flagging said email message; and

forwarding said email message with a flag to said recipient email subscriber;

wherein the method further comprises deploying, accessing, and executing process software for providing said autonomic identification of an important message addressed to a recipient email subscriber, said deploying, accessing, and executing process software implemented through a virtual private network, the method further comprising:

determining if a virtual private network is required;

checking for remote access to said virtual private network when it is required;

if said remote access does not exist, identifying a third party provider to provide secure, encrypted connections between a private network and remote users;

identifying said remote users; and

setting up a network access server operable for downloading and installing client software on desktop computers for remote access of said virtual private network;

accessing said process software;

transporting said process software to at least one remote user's desktop computer; and

executing said process software on said at least one remote user's desktop computer.

2. (Original) The method of claim 1, further comprising:

forwarding said email message without a flag to said recipient email subscriber if at least one of:

a Uniform Resource Locator has not been found; and

a rating fails to meet said minimum standard set for qualifying said Uniform Resource Locator as relevant.

3. (Original) The method of claim 1, further comprising:

updating contents of said history file to include said Uniform Resource Locator found as a result of said scanning.

4. (Original) The method of claim 1, wherein said performing analytics for said Uniform Resource Locator based upon contents of said history file includes at least one of:

evaluating frequency in which said recipient email subscriber accessed said Uniform Resource Locator;

evaluating how recently said recipient email subscriber accessed said Uniform Resource

Locator; and

evaluating said Uniform Resource Locator in context with relevance rules established by said recipient email subscriber.

5. (Original) The method of claim 4, wherein said relevance rules include at least one of:

assigning relevance to a specific Uniform Resource Locator;

establishing limits on a number of Uniform Resource Locators qualified to be relevant;

applying weighting factors to specific types of Uniform Resource Locators; and

applying weighting factors to Uniform Resource Locators based upon measurements of usage and time factors.

6. (Original) The method of claim1, wherein said flagging said email message includes associating said email message with at least one of a:

letter symbol;

number symbol;

pictorial symbol;

audio symbol; and

color symbol.

7. – 19. (Cancelled)

20. (Currently amended) The method of claim 1 [[19]], further comprising:

determining if said virtual private network has a site-to-site configuration for providing site-to-site access, and if said virtual private network is not so available, installing equipment

required to establish a site-to-site configuration for said virtual private network;

installing large scale encryption into said site-to-site virtual private network; and

accessing said process software through said site-to-site configuration with large scale encryption.

21. (Original) The method of claim 20, wherein said accessing said process software further comprises at least one of:

dialing into said network access server, and

attaching directly via a modem into said network access server, said modem being selected from the group of modems consisting of telephone dial-up modems, cable modems, DSL modems, and wireless modems.

22. (Currently amended) A storage medium encoded with machine-readable computer program code for providing autonomic identification of an important message addressed to a recipient email subscriber, said storage medium including instructions for causing a computer to implement a method, comprising:

scanning an email message received over a network, said scanning operable for identifying a Uniform Resource Locator contained in said email message; and

if a Uniform Resource Locator is found:

comparing said Uniform Resource Locator with contents of a history file, said history file storing a listing of Uniform Resource Locators previously accessed by said recipient email subscriber;

performing analytics for said Uniform Resource Locator based upon said contents of said history file, said performing analytics resulting in a rating assigned to said Uniform Resource Locator; and

if said rating meets a minimum standard set for qualifying said Uniform Resource Locator

as relevant:

flagging said email message; and

forwarding said email message with a flag to said recipient email subscriber;

wherein the storage medium further comprises instructions for causing said computer to implement deploying, accessing, and executing process software for providing autonomic identification of an important message addressed to a recipient email subscriber through a virtual private network, said deploying, accessing, and executing process software including:

determining if a virtual private network is required;

checking for remote access to said virtual private network when it is required;

if said remote access does not exist, identifying a third party provider to provide secure, encrypted connections between a private network and remote users;

identifying said remote users;

setting up a network access server for downloading and installing client software on desktop computers for remotely accessing said virtual private network;

accessing said process software;

transporting said process software to at least one remote user's desktop computer; and executing said process software on said at least one remote user's desktop computer.

23. (Original) The storage medium of claim 22, further comprising instructions for causing said computer to implement:

forwarding said email message without a flag to said recipient email subscriber if at least one of:

a Uniform Resource Locator has not been found; and

a rating fails to meet said minimum standard set for qualifying said Uniform Resource Locator as relevant.

24. (Original) The storage medium of claim 22, further comprising instructions for causing said computer to implement:

updating contents of said history file to include said Uniform Resource Locator found as a result of said scanning.

25. (Original) The storage medium of claim 22, wherein said performing analytics for said Uniform Resource Locator based upon contents of said history file includes at least one of:

evaluating frequency in which said recipient email subscriber accessed said Uniform resource Locator;

evaluating how recently said recipient email subscriber accessed said Uniform Resource Locator; and

evaluating said Uniform Resource Locator in context with relevance rules established by said recipient email subscriber.

26. (Original) The storage medium method of claim 25, wherein said relevance rules include at least one of:

assigning relevance to a specific Uniform Resource Locator;

establishing limits on a number of Uniform Resource Locators qualified to be relevant;

applying weighting factors to specific types of Uniform Resource Locators; and

applying weighting factors to Uniform Resource Locators based upon measurements of usage and time factors.

27. (Original) The storage medium of claim 22, wherein said flagging said email message includes associating said email message with at least one of a:

letter symbol;

number symbol;

pictorial symbol;

audio symbol; and

color symbol.

28. – 40. (Cancelled)

41. (Currently amended) The storage medium of claim 22 [[32]], further comprising instructions for causing said computer to implement:

determining if said virtual private network has a site-to-site configuration for providing site-to-site access, and if said virtual private network is not so available, installing equipment required to establish a site-to-site configuration for said virtual private network;

installing large scale encryption into said site-to-site virtual private network; and

accessing said process software through said site-to-site configuration with large-scale encryption;

wherein said accessing said process software includes at least one of:

dialing into said network access server; and

attaching directly via a modem into said network access server, said modem being selected from the group of modems consisting of telephone dial-up modems, cable modems, DSL modems and wireless modems.

42. (Currently amended) A message analysis system for providing autonomic identification of an important message addressed to a recipient email subscriber, comprising:

~~an email application and web browser executing on a client system, said client system associated with said recipient email subscriber;~~

~~a message analysis system in communication with said client system, said message analysis system comprising:~~

~~a graphical user interface;~~

~~a history file storing Uniform Resource Locators previously accessed by said recipient email subscriber; and~~

~~an analytic engine operable for evaluating relevance of an incoming email message addressed to said recipient email subscriber based upon a Uniform Resource Locator contained in said incoming email message;~~

~~at least one business rule operable for defining relevance of said Uniform Resource Locator;~~

~~a link to at least one server operable for transmitting web pages over said network; and~~

~~a means for flagging incoming email messages determined to be relevant by said message analysis system~~

a computer processor; and

a message analysis system application executing on the computer processor, the message analysis system application implementing a method, the method comprising:

scanning an email message received over a network, said scanning operable for identifying a Uniform Resource Locator contained in said email message; and

if a Uniform Resource Locator is found:

comparing said Uniform Resource Locator with contents of a history file, said history file storing a listing of Uniform Resource Locators previously accessed by said recipient email

subscriber;

performing analytics for said Uniform Resource Locator based upon said contents of said history file, said performing analytics resulting in a rating assigned to said Uniform Resource Locator; and

if said rating meets a minimum standard set for qualifying said Uniform Resource Locator as relevant;

flagging said email message; and

forwarding said email message with a flag to said recipient email subscriber;

wherein the method further comprises deploying, accessing, and executing process software for providing autonomic identification of an important message addressed to a recipient email subscriber through a virtual private network, said deploying, accessing, and executing process software including:

determining if a virtual private network is required;

checking for remote access to said virtual private network when it is required;

if said remote access does not exist, identifying a third party provider to provide secure, encrypted connections between a private network and remote users;

identifying said remote users;

setting up a network access server for downloading and installing client software on desktop computers for remotely accessing said virtual private network;

accessing said process software;

transporting said process software to at least one remote user's desktop computer; and executing said process software on said at least one remote user's desktop computer.

43. (Currently amended) The system of claim 42, wherein the message analysis system

application further performs:

forwarding said email message without a flag to said recipient email subscriber if at least one of:

a Uniform Resource Locator has not been found; and

a rating fails to meet said minimum standard set for qualifying said Uniform Resource Locator as relevant~~wherein said at least one business rule is created by said recipient email subscriber.~~

44. (Currently amended) The system of claim 42, wherein the message analysis system application further performs:

updating contents of said history file to include said Uniform Resource Locator found as a result of said scanning~~wherein said at least one business rule is determined by said message analysis system.~~

45. (Original) The system of claim 42, wherein said incoming email message determined to be relevant by said message analysis system is flagged with at least one of a:

letter symbol;

number symbol;

pictorial symbol;

audio symbol; and

color symbol.

46. (New) The system of claim 42, wherein said performing analytics for said Uniform Resource Locator based upon contents of said history file includes at least one of:

evaluating frequency in which said recipient email subscriber accessed said Uniform Resource Locator;

evaluating how recently said recipient email subscriber accessed said Uniform Resource Locator; and

evaluating said Uniform Resource Locator in context with relevance rules established by said recipient email subscriber.

47. (New) The system of claim 46, wherein said relevance rules include at least one of:

assigning relevance to a specific Uniform Resource Locator;

establishing limits on a number of Uniform Resource Locators qualified to be relevant;

applying weighting factors to specific types of Uniform Resource Locators; and

applying weighting factors to Uniform Resource Locators based upon measurements of usage and time factors.